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MILFORD HAVEN URBAN DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year

1957.

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Preface to the Report

District Health Office,
County Offices,
Haverfordwest.

To the Chairman and Members,
Milford Haven Urban District Council.

Mr. Chairman and Gentlemen,

I present my Report upon matters affecting the Public Health for the year 1957.

As in previous years, the main sections of the Report are summarised in the Preface.

Population

The population continued to show an improved trend, albeit small.

Births

The general birth-rate is somewhat lower than the preceding year, but is still higher than the rate for the County and the National Rate.

There was an unusually large number of still-births, giving a high Still-Birth rate.

There was a reduction in the number of Illegitimate births, and the Illegitimate birth-rate compares favourably with the National Rate.

Deaths

The crude death-rate from all causes was low, but the corrected death-rate, for comparative purposes, was somewhat higher than the preceding year, and also higher than the County and National Rates.

Deaths from violent causes were the lowest for ten years; there were only 2 such deaths, one suicide and one accident.

Cancer deaths remained approximately the same as for the preceding year, and the Cancer Death-rate in the District is appreciably lower than the National Rate. 27% of all cancer deaths were due to Cancer of Lungs and Respiratory passages.

There was a large decrease in the number of Infant Deaths. The Infant Mortality Rate for the District compares favourably with the National Rate.

Infectious Diseases

The number of cases of Infectious Diseases notified during the year was relatively small, and consisted chiefly of measles, whooping cough and scarlet fever.

There were no notifications of less common infectious diseases.

There was a very large drop in the number of fresh cases of Pulmonary Tuberculosis notified - from 9 cases in 1956 to 2 cases in 1957. There were, however, 3 deaths from this disease, as compared with one in 1956.

There were no fresh cases of Non Pulmonary Tuberculosis and no deaths for the third successive year.

Environmental Hygiene & Sanitation

There is very little adverse comment to be made upon Part II of the Report. The Council has carried through an excellent housing programme which has catered for the majority of housing problems in the District.

Water supplies continue to be satisfactory, both in quality and quantity, and the same applies to milk supplies.

Food control is maintained by regular inspections and sampling of premises concerned.

Work has commenced on the building of the Esso Refinery in the western boundary of the District. The Refinery will have a beneficial effect upon the economy of the District, but it will also bring problems. There will almost certainly be some degree of small nuisance. It is not contemplated, however, that this will be serious in degree. Also acclimatisation should be quickly reached. In addition there may be nuisances arising from oil pollution of the waters and shores of the Haven.

In conclusion I wish to thank the Members of the Council and the Officers for their continued courtesy and co-operation.

I am,
Your obedient Servant,

W. J. Y. SPEEDY

Medical Officer of Health

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OFFICERS OF THE COUNCIL

	Date of Appointment
Clerk	
H. L. Howarth, M.B.E., A.I.M.T.A.	1st February, 1934
Deputy Clerk	
A. H. Jackson	1st April, 1946
Engineer & Surveyor	
A. Moody, M.B.E., B.Sc., A.M.I.C.E., M.I.Mun.E., A.M.I.W.E.	2nd February, 1942
Deputy Engineer	
S. Jones, B.Sc.(Wales), A.M.I.C.E., M.I.Mun.E.	10th April, 1945
Deputy Accountant	
K. J. Warburton, A.C.I.S.	1st January, 1950
Public Health Inspector	
A. N. B. Avery, M.R.S.H., M.S.I.A.	1st December, 1951
Medical Officer of Health	
W. J. Y. Speedy, M.B., B.Ch., L.R.C.P.& S., L.R.F.P.& S., D.P.H.	1st October, 1947

All Departments of the Council
Town Hall, Milford Haven — Telephone - Milford Haven 500

Medical Officer of Health
County Offices, Haverfordwest — Telephone - Haverfordwest 780

PART I

VITAL STATISTICS

and

EPIDEMIOLOGY

Births & Birth Rates

Classification of Births

	Legitimate			Illegitimate		
	M.	F.	Total	M.	F.	Total
Live Births	97	108	205	3	3	6
Still Births	5	3	8	0	0	0

Total Live Births for 1957	211
Total Still Births for 1957	8
Total Illegitimate Births for 1957	6

General Birth Rates

General Birth Rate for District for 1957	17.5 /1000 population
General Birth Rate for Pembrokeshire 1957	16.9 " "
General Birth Rate England & Wales for 1957	16.1 " "

Still Birth Rates

Still Birth Rate for District for 1957	36.5 /1000 total births
Still Birth Rate for Pembrokeshire 1957	23.3 " " "
Still Birth Rate England & Wales for 1957	22.4 " " "

Illegitimate Birth Rates

Illegitimate Birth Rate for District for 1957	29.2/1000 live births
Illegitimate Birth Rate for Pembrokeshire 1957	27.0 " " "
Illegitimate Birth Rate England & Wales 1957	46.0 " " "

Comparison Table

The following Table shows the General Birth Rate, the number of Still Births, and the number of Illegitimate Births, each year since 1947 :-

Year	General Birth Rate	No. of Still Births	No. of Illegitimate Births
1947	24.0	6	5
1948	21.8	9	9
1949	20.5	8	7
1950	20.1	7	6
1951	17.5	4	10
1952	19.1	9	10
1953	18.1	9	9
1954	18.4	9	12
1955	17.2	6	10
1956	18.7	4	8
1957	17.5	8	6

Deaths and Mortality Rates.

Classification of deaths

	Male	Female	Total
Diseases of Heart & Circulatory System	23	25	48
Diseases of Brain & Nervous System	13	10	23
Cancer (all forms)	12	6	18
Diseases of Respiratory System	2	4	6
Infant Deaths	3	2	5
Diseases of Kidneys & Urinary System	2	3	5
Pulmonary Tuberculosis	3	0	3
Violent Deaths	2	0	2
Diseases of Digestive System	1	0	1
Diseases of the Blood	1	0	1
	62	50	112

1st Quarter	23	
2nd Quarter	39	
3rd Quarter	17	
4th Quarter	33	Total = 112

Deaths according to age-groups :-

0 - 1 years	5	
1 - 15 "	0	
15 - 30 "	2	
30 - 50 "	6	
50 - 70 "	41	
70 + "	58	(52%)
Total	112	

General Death Rates

Crude Death Rate for District for 1957	9.2/1000 population
Corrected Death Rate for District 1957	13.2 " "
General Death Rate for Pembrokeshire 1957	11.8 " "
General Death Rate England & Wales for 1957	11.5 " "

General Death Rate Table

Year	General Death Rate (Corrected)
1947	11.2 /1000 population
1948	9.5 " "
1949	14.2 " "
1950	14.2 " "
1951	11.1 " "
1952	9.3 " "
1953	11.0 " "
1954	12.9 " "
1955	12.6 " "
1956	12.4 " "
1957	13.2 " "

Violent Deaths

There were 2 Violent Deaths during the year; one suicide and one accident.

The following table shows number of violent deaths each year since 1947 :-

Year	Number of Violent Deaths
1947 & 1948	3 each year
1949	5
1950	6
1951	2
1952	7
1953	6
1954	3
1955	3
1956	8
1957	2

Cancer Mortality

Classification

	Male	Female	Total
Alimentary Tract	5	4	9
Respiratory Tract	5	0	5
Others	2	2	4
	12	6	18

Death in Age-groups

0 - 30 years	0	
30 - 50 "	1	
50 - 70 "	7	
70 + "	10	Total 18

Cancer Deaths Rates

Cancer Death Rate for District for 1957	1.4/1000 population
Cancer Death Rate England & Wales 1957	2.1 " "

Comparison Table

Year	No. of Cancer Deaths	Rate /1000 population
1947	19	1.9
1948	25	2.4
1949	17	1.6
1950	16	1.4
1951	26	2.2
1952	23	1.9
1953	17	1.4
1954	23	1.9
1955	19	1.6
1956	17	1.4
1957	18	1.4

Infant Mortality

Classification

	Male	Female	Total
Prematurity	2	1	3
Haemorrhage	1	0	1
Asphyxia	0	1	1
Total	3	2	5

Death in age-groups

0 - 4 weeks	4 (80%)
1 - 3 months	0
3 - 6 "	1
6 - 12 "	0
Total	5

Infant Mortality Rates

Infant Mortality Rate for District for 1957	23.7/1000 live births
Infant Mortality Rate for Pembrokeshire 1957	34.1 " " "
Infant Mortality Rate England & Wales 1957	23.0 " " "

Comparison Table

Year	No. of Infant Deaths	Infant Mortality Rate
1948	10	44.4/1000 Live Births
1949	8	37.5 " " "
1950	6	26.9 " " "
1951	4	19.8 " " "
1952	6	26.8 " " "
1953	5	24.4 " " "
1954	7	32.4 " " "
1955	6	30.6 " " "
1956	12	53.3 " " "
1957	5	23.7 " " "

Infectious Diseases

Incidence

The following infectious diseases were notified during the year :-

Scarlet Fever	24
Measles	15
Whooping Cough	14
Pneumonia	12

Comparison Table

	1949	1950	1951	1952	1953	1954	1955	1956	1957
Measles	12	1	366	3	50	2	219	9	15
Whooping Cough	34	5	20	9	-	7	6	1	14
Scarlet Fever	29	12	5	2	4	-	3	12	24
Pneumonia	1	1	14	9	23	17	15	22	12
Erysipelas	1	-	-	1	2	-	1	2	-
Meningitis (C.S.F.)	-	-	-	-	-	-	-	1	-
Dysentery	-	-	2	-	-	-	-	1	-
Food Poisoning	-	-	-	-	-	18	-	2	-
Para Typhoid	-	-	-	-	-	-	-	-	-
Typhoid	-	-	-	-	-	-	-	-	-
Poliomyelitis	-	1	-	-	2	1	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-

Pulmonary Tuberculosis

Incidence

Only two fresh cases of Pulmonary Tuberculosis were notified during the year; one male and one female.

The male was in the 30-50 age group, and the female in the 15-30 years age group.

Mortality

3 deaths from Pulmonary Tuberculosis during the year, all in males.

Comparison Table

Year	No. of fresh cases notified	No. of deaths
1947	16	3
1948	8	2
1949	8	4
1950	11	5
1951	18	2
1952	10	4
1953	17	4
1954	11	3
1955	2	1
1956	9	1
1957	2	3

Non-Pulmonary Tuberculosis

No cases notified and no deaths for the third successive year.

Comparison Table

Year	No. of fresh cases	No. of deaths
1947	6	1
1948	12	0
1949	3	0
1950	4	0
1951	2	1
1952	0	0
1953	1	1
1954	2	0
1955	0	0
1956	0	0
1957	0	0

PART II

ENVIRONMENTAL HYGIENE

and

GENERAL SANITATION

WATER SUPPLY

Source of Supply

1. Prescelly

The source of the major water supply to Milford Haven is the Prescelly gathering ground in North East Pembrokeshire. The water is a typical upland surface water, being soft and rather acid. It is impounded in a reservoir of 160,000,000 gallons capacity.

After impounding the water passes through a modern filtration and chlorination plant. The quality of the water is controlled by routine sampling, both chemical and bacteriological before and after treatment.

2. Thornton

Springs in the Thornton area (Haverfordwest Rural District Council) are impounded in the three reservoirs with a total effective capacity of 16,000,000 gallons.

The water gravitates to a purification plant at Priory and is pumped from here to service reservoirs at the Meads.

This water is chiefly used for industrial purposes, under drought conditions or other failure of the Prescelly supply.

Sampling

Routine sampling at source is carried out by the Engineer's Department. Samples are forwarded to the Public Analyst, Carmarthen, for report. This sampling includes both chemical and bacteriological.

Routine sampling at consumers level is carried out at the Public Health Department. Samples are forwarded to the Public Analyst's Laboratory, Carmarthen, for report. The following is a summary of sampling at consumer level during the year :-

Satisfactory	45		
Unsatisfactory	18	Total	63

The large number of unsatisfactory samples occurred during a period of drought, when an emergency supply had to be used.

Sampling at source showed that the water from the Prescelly reservoir was being adequately treated and purified.

General Statistics

There is practically a 100% piped supply in the District.

The total daily average consumption of water was 550,000 gallons, which is equivalent to 45 gallons per head of population per day.

MILK SUPPLY

Milk Retailers

	T.T.	Designated T.T. Past.	Ungraded
Producer Wholesalers	3	-	-
Producer Retailers	1	-	2
Retailers only	1	8	-

The Food & Drugs Act, 1955

Milk Special Designation Specification of Areas

Notification has been received from the Ministry of Agriculture, Fisheries and Food that under section 41 of the Food & Drugs Act, 1955, the Minister, in conjunction with the Minister of Health is to make an Order specifying an area which includes the Urban District of Milford Haven as one in which, from the appointed day, milk of special designations only may be sold by retail. It is anticipated that the Order will come into operation on 1st April 1958.

Only two producer retailers within this district will be affected and they will, after the operative date, sell their milk in bulk to one of the establishments in Haverfordwest where the milk will be subjected to heat treatment.

Number of inspections of dairies during the year	24
Number of warning letters re. milk supplies	Nil
Number of vendors appearing before Health Committee	Nil
Number of vendors struck off register	Nil
Number of vendors resigned from register	Nil
Number of vendors admitted to register	Nil

Milk Sampling

Results of sampling during 1957 were as follows -

Satisfactory	48 samples	(94.12%)
Doubtful	Nil	
Unsatisfactory	3 "	(5.88%)
Total	51 samples	

FOOD CONTROL

1. Summary of premises registered under the Food and Drugs Act, 1938.

Ice Cream Premises	37
Prepared Food Premises	18
Slaughterhouses	1
Knackers Yards	Nil

2. Ice Cream Supplies

(a) Summary of Vendors -

Number of producer retailers in the district	3
Number of retailers only in the district	34

(b) General Statistics

Number of inspections of premises and equipment	74
Number of informal notices served	Nil
Number of formal notices served	Nil

(c) Sampling

General Bacteriological

Grade I	(Highly satisfactory)	44	(59.46%)
Grade II	(Satisfactory)	15	(20.27%)
Grade III	(Doubtful)	9	(12.16%)
Grade IV	(Unsatisfactory)	6	(8.11%)
	Total	74	

3. Foodstuffs Condemned

	cwts.	lbs.	ozs.
Beef	1	16	-
Lamb		50	-
Pork		12	-
Pork sausage		43	8
Beef sausage		25	-
Lambs tongue		3	4
Pigs liver		30	-
Brawn		3	-
Bath chaps (2)			
Bath chaps		16	-
Steak and kidney pies (10)			
Tinned ham	1	30	13
Tinned corned beef		50	4
Tinned beef steak and kidney		14	-
Tinned luncheon meat		3	8
Tinned minced beef loaf		7	8
Tinned pork luncheon meat		10	11
Tinned ox tongue		18	-
Tinned mincemeat loaf		3	-
Tinned beef sausages		4	8
Tinned steak		8	12
Tinned chicken		15	-
Tinned soup		2	15
Tinned vegetable and macaroni casserole		13	-
Tinned baked beans		1	4
Tinned peas		40	7
Tinned tomatoes		42	1
Tinned fruit salad		6	13
Tinned pineapple		25	2
Tinned pears		26	6
Tinned apricots		23	-
Tinned peaches		56	6
Tinned oranges		7	9

Foodstuffs Condemned (Contd.)

	cwts.	lbs.	ozs.
Tinned plums		15	-
Tinned cherries		10	3
Tinned milk (Equiv. 18 pints)			
Tinned salmon		3	6
Tinned pilchards			15
Box currants		100	-
Golden cakes (9)			
Chocolate swiss rolls (8)			

4. Prepared Food Premises

Sausages, meat pies and brawn etc.	8
Fried fish shops	6
Fresh fish and shell fish	1

Twenty-nine visits were made and a satisfactory standard of hygiene has been maintained.

5. Knackers Yards

Nil to report.

6. Slaughterhouses

One slaughterhouse is licensed in the area and is operated by Messrs. James Bros. Wholesale Butchers.

During the year the following meat and offal was found to be unfit for human consumption :-

25 lbs.	beef
1	cow's carcase and offal
40 lbs.	pork
1	sow's head and tongue
21	pigs' heads
6	pigs' lungs
10	pigs' livers
2	pigs' offal
1	pig's head and tongue
1	bovine head
2	bovine heads and tongues
2	ox lungs
46	ox livers
71	part ox livers
1	ox head and tongue
110	sheep's livers
1	sheep's carcase and offal
1	sheep's leg
2	sheep's lungs

7. Bakeries and Bakehouses

Five bakeries are operated in the town, viz. -

Mr. J. P. Hall	Brooke Avenue
Messrs. W.Griffiths & Son	Albion Street
Mr. R. J. Edmonds	St. Davids Road
Mr. I. Lawrence	Waterloo Road
Mr. T. Llewhellin	Hill Street

Eighteen visits were made during the year.

8. Cafes, Hotels, Restaurants

There are nine cafes in the town and there are also five hotels and two restaurants in the district.

Forty-five visits were made and the general standard of hygiene was satisfactory.

9. Licensed Premises

Thirty-three licensed premises cater for the district and the general standard of management continues to be satisfactory.

10. Food Shops

At the end of the year the following food shops existed in the area -

Butchers	11
Fruit and vegetables	11
Confectionery	12
Wet fish	1
Fried fish and chips	6
General grocery etc.	54
Total	95

One hundred and forty-seven visits were made during the year.

11. Mineral Waters

The one mineral water factory in the district is known as the Regent Mineral Water Factory. It is owned by Messrs. W. L. Thomas & Son and is a corrugated iron building having a concrete floor. Water is supplied from the town main and the manufacturing plant was supplied by Messrs. Barnett and Foster. The filler and crowning machine used is capable of dealing with eighty dozen bottles per hour.

HOUSING

A. Council Housing.

1. Number and type of Council Houses built -

(a) Prior to 31st December, 1945. (Traditional Brick Houses)			312
(b) Since 1st January, 1946 - (Post War)			
i.	1946	Temporary prefabricated bungalows	77
ii.	1947	25 T.P.B., 71 B.I.S.F., 66 traditional	162
iii.	1948	27 B.I.S.F., 96 traditional	123
iv.	1949	2 flats, 69 traditional	71
v.	1950	All traditional	105
vi.	1951	All traditional	90
vii.	1952	All traditional	88
viii.	1953	100 Unity houses, 35 traditional	135
ix.	1954	26 Unity houses, 38 traditional, 4 maisonettes, 4 single bedroom flats	72
x.	1955	31 Wimpey (No fines) flats, 34 Wimpey N.F. houses, 32 traditional houses, 8 maisonettes (trad. const.) 2 two bedroom flats (trad. const.) 3 three bedroom flats (trad. const.) 11 single bedroom flats (trad. const.)	121
xi.	1956	21 traditional 3 bedroom houses, 60 Wimpey (No fines) three bedroom houses 24 Wimpey three bedroom flats 8 three bedroom maisonettes, 2 three bedroom flats	115
xii.	1957	77 traditional three bedroom houses 3 single bedroom flats, 5 two bedroom flats	85
			1,556

2. Estimated Building Programme for 1958

Number of dwellings under construction at 31st December 1957 (Contracts let)	26
Estimated number of dwellings to be completed in 1958	46
Number of dwellings estimated to be under construction at end of 1958 under present programme	7

3. Provision of Services in Conjunction with Housing Estates

Number of shops provided by the Council up to 31st December 1957	17
Number of shops in course of construction at 1st January, 1958	Nil
Number of garages provided by Council up to 31st December, 1956	29
Number of garages provided by the Council during 1957	Nil

Because of capital restrictions the Council have ceased to provide more garages, but have laid out garage sites on estates where tenants may erect their own garages.

4. Housing the Elderly

Eighteen single bedroom ground floor flats have been provided since 1954 for housing the aged. Arrangements are being made for the purchase of Hamilton House, Hamilton Terrace, which will be converted to ten flatlets for elderly ladies and a warden's flat.

The following is a summary of the number and type of houses owned by the Council -

Pre-war Estates	
Prescelly Place and St. Peters Road - 104 3 b.r. non-parlour type houses and 6 special type 2 b.r. houses	110
Cromwell Road and Priory Road - 36 3 b.r. non-parlour type and 4 special type 4 b.r. houses	40
Glebelands - 20 3 b.r. parlour type houses 40 3 b.r. non-parlour type and 2 special 2 b.r. houses	62
Hakinville (Hakinville, Nelson Avenue and Nubian Crescent) - 22 3 b.r. parlour type and 28 3 b.r. non-parlour type	50
Prioryville - 26 3 b.r. parlour type and 24 3 b.r. non-parlour type houses	50
	312
Post-war Estates	
Coombs Drive and Hilton Avenue - 3 b.r. houses	168
Milton Crescent - B.I.S.F. 3 b.r. houses	62
Vicary Crescent - B.I.S.F. 3 b.r. houses	36
Pill Road and Pill Lane - 2 3 b.r. flats over shops	2
Pill Road - 8 2 b.r. and 2 3 b.r. houses	10
Observatory Estate (Rectory Avenue, Harbour Way, Glebelands, Gellyswick Road, Croft Avenue, Haven Drive, Picton Road, Picton Close and Observatory Avenue) - 118 2 b.r. houses, 276 traditional 3 b.r. houses, 94 Wimpey (No fines) houses and 55 Wimpey (No fines) 3 b.r. flats	543
St. Lawrence Estate (James Street, St. Lawrence Avenue, St. Lawrence Close and Waterloo Road) - 34 2 b.r. houses and 90 3 b.r. houses	124
Marble Hall Estate (Richard John Road and Meyler Crescent) - 102 3 b.r. Unity houses, 24 2 b.r. Unity flats, 6 traditional 3 b.r. houses and 2 3 b.r. flats	134
Marble Hall Road - 19 Arcon prefabricated bungalows and 15 traditional 3 b.r. houses	34
St. Peters Road - Arcon prefabricated bungalows	6
Observatory Avenue - Arcon prefabricated bungalows	36
Nelson Avenue & Nubian Crescent - Arcon prefabricated bungalows	41
Milton House - 4 Old People's single b.r. flats and 4 3 b.r. maisonettes	8
Trafalgar Road - 8 single bedroom old people's flats and 8 3 b.r. maisonettes	16
Waterloo Square - 2 2 b.r. flats, 3 3 b.r. flats, 3 single b.r. old people's flats and 8 3 b.r. maisonettes	16
Trinity Place - 3 single bedroom flats and 5 two bedroom flats	8
St. Annes Road - 4 houses (reconditioned old property)	4
Number of private houses purchased by the Council	12
	1,260
Total Pre-war and Post-war Houses	1,572

Private Houses

Number of houses built during 1957	12

Service Houses

Number of Service Houses built during 1957	Nil

Repairs, Inspections, etc.

Number of intimation notices served during the year	50
Number of intimation notices complied with during the year	51
Number of statutory notices served during the year	1
Number of statutory notices complied with during the year	1
Number of cases taken to court	Nil

Rent Act, 1957, Certificates of Disrepair

Three Certificates of Disrepair were issued under the Rent Act, 1957 during the year.

Slum Clearance Programme

Clearance Areas

The nine houses in the Dartmouth Street Clearance Area have been demolished and redevelopment in the form of the provision of ten single bedroom flats, five two bedroom flats, one three bedroom flat and ten three bedroom maisonettes has commenced. The first of the flats is expected to be ready for letting in April, 1958, and the scheme is expected to be completed by the end of July.

Demolition, Closing Orders etc.

Number of houses closed under Section 11, Housing Act, 1936	4
Number of parts of buildings closed under Section 12 Housing Act 1936	Nil
Number of houses demolished as a result of procedure under Section 11, Housing Act, 1936	9

Overcrowding

One hundred and forty-eight families were rehoused by the Council during the year. Eighty-four cases of overcrowding based on bedroom accommodation were relieved during the year including thirteen families moved from two bedroom houses and prefabricated bungalows.

Little statutory overcrowding exists in the town, but some fifty-eight cases of bedroom overcrowding existed at 31st December, 1957.

Rehousing

The following applications were outstanding at 31st December, 1957 -

From within the area -	
In rooms	109
In separate accommodation	134
From outside the area -	
In rooms	27
In separate accommodation	97
	367

Improvement Grants

Twenty-six improvement grants were paid under the Housing Act, 1949 (as amended), amounting to £4,549.7s.9d. All but one of the improved dwellings are owner/occupier. Improvements took the form of the provision of bathrooms, hot water systems, kitchens, food stores and additional bedrooms.

Housing Loans

Thirty-four loans were granted under the Housing Act, 1949 for house purchases during the year and twenty-five loans were made for repairs and alterations.

FACTORIES AND WORKSHOPS

There are 82 persons in the District subject to the Factories Acts.

163 inspections were carried out during the year, and seven written notices served. The notices were in respect of inadequate and defective sanitation.

There are eleven outworkers in the District, the majority of whom are employed in connection with the making of fishing nets.

GENERAL HYGIENE AND SANITATION

Refuse Disposal

Refuse is collected weekly from all private dwellings and business premises within the urban district and is disposed of by controlled tipping at the Priory refuse tip. One Karrier 7 cu.yds. petrol engined, one Karrier 7 cu.yds. diesel engined refuse collection vehicles and one 10 cu.yds. Ford diesel engined refuse collection vehicle are employed in the collection of refuse and salvage.

Sewage Disposal

It is estimated that 98.7% of the premises in the urban area are connected to the public sewer. The parts not served are -

Coombs and Cellar Hill	Approx. 12 houses
Gellyswick	" 6 "
Steynton Road	" 16 "

Thirty-four premises in the area are served with cesspits.

During the year nine pail closets within the area were abolished and replaced by water closets.

The present drainage system of the town was installed in 1932. Sewage gravitates to a storage chamber at Hakin Point, and is eventually discharged, untreated, on the ebb tide. There are occasional complaints about sewage material being washed up on the beach.

Rodent Control

Summary of rodent treatments carried out during the year

			Number of Treatments	Actual Kill	Estimated Kill
Refuse Tip	Major		1	12	40
	Minor		-	-	-
Dock Premises	Major		5	44	130
	Minor		41	171	369
Ships	Major		-	-	-
	Minor		-	-	-
Business premises	Major		1	7	20
	Minor		7	40	124
	Mice	Major	-	-	-
		Minor	1	9	9
Private premises	Major		8	59	174
	Minor		283	978	2,223
	Mice	Major	2	26	58
		Minor	41	229	298
			390	1,575	3,445

Sewers

Sewers were treated for rodent infestation in June when four hundred and sixty-three manholes were baited, and December when four hundred and sixty-three manholes were baited. Sixty-two bodies were recovered.

One full time operative is employed by the Council to carry out surveys and treatments for rodent infestation. Poisons used are arsenious oxide, zinc phosphide and warfarin.

Camping and Caravan Sites

No official camping site exists in the area. One licence was issued during the year under Section 269 of the Public Health Act, 1936, in respect of the caravans at Hubberston Fort.

Salvage

Salvage is collected weekly from private dwellings and business premises in the district.

The following materials were salvaged during the year -

	Tons	cwts.	Qrts.	
Mixed waste paper	67	3	-	£ 503 : 12 : 6
Newspaper	17	14	3	177 : 7 : 6
Books	7	4	2	65 : 1 : 2
Cardboard	12	5	-	112 : 7 : 7
	104	7	1	£ 858 : 8 : 9
Scrap iron	6	10	-	26 : 0 : 0
Lead			3	3 : 0 : 0
Textiles	4	10	-	90 : 0 : 0
Tins	32	11	2	131 : 6 : 0
				£ 250 : 6 : 0
Total income from salvage				£1,108 : 14 : 9

Disinfestation and Disinfection

Two bedrooms were fumigated after persons suffering from infectious diseases.

Public Conveniences

Public conveniences are situated at the Market Square, North Road, the Rath and at Gellyswick Beach. Two urinals for the use of males only are sited at Hill Street and Victoria Road.

Mortuaries

One modern fully equipped mortuary is situated at Dartmouth Gardens.

Public Baths

An open-air swimming pool is situated on the Rath. Sea water is pumped from the Haven and is filtered and chlorinated.

Public Halls and Cinemas

The two cinemas operating in the town and the three public halls have separate sanitary accommodation for both sexes.

General Nuisances

Number of informal notices served for general nuisances	38
Number of informal notices complied with	38
Number of statutory notices served for general nuisances	Nil
Number of statutory notices complied with	Nil
Number of cases taken to court	Nil